

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003129**Date Inspected:** 30-Jun-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Sun Wei/Li Yanhua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

The Caltrans Quality Assurance (QA) Inspector Roscoe Dixon was present at the time requested to randomly observe welding and associated operations being performed for the Orthotropic Box Girders (OBG).

Bay 3 – Heavy Duty Machinery Shop

The QA Inspector Dixon was informed by ZPMC QC Inspector Mr. Fu Yuhong that ZPMC CWI Inspector CWI Li Yanhua, and Sun Wei and ABF personnel were about to perform an initial three party visual repair inspection on deck panel DP031-001 and DP068-001, Mr. Fu then requested that a Caltrans QA Inspector also performed a visual inspection on the deck panel.

After an agreement was reached by all parties for the repairs which needed to be made on the deck panel the QA Inspector identified the repairs to be completed as initial three party inspections by marking the yellow tag which is pasted to the outside U-Ribs on the deck panel.

The QA Inspector observed ZPMC magnetic particle technician Wang Wei perform and accept the final Magnetic particle Testing (MT) and ZPMC Certified Welding Inspector (CWI) Chen Shigang perform a final visual inspection on six deck panels identified by ZPMC as DP027-001, DP042-001, DP037-001, DP067-001, DP078-001, and DP80-001.

The QA Inspector performed a final visual inspection on the above listed six deck panels which generally appeared to conform to contract specifications.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

The ABF Inspector Kevin Chen informed the QA Inspector that the six deck panels listed above would be removed from the Heavy Machinery Shop Bay # 3 and transported to the Assembly shop.

The QA Inspector verified the final visual inspection was performed on the deck panels by marking the yellow tag which is pasted to the outside U-Ribs on the deck panel with the Caltrans lot number B59 and the inspection date.

The QA Inspector located and inventoried the following 33 deck panels in New Tower Building Bay #3 on this date: DP055-001, DP067-001, DP003-001, DP042-001 DP038-001, DP077-001, DP054-001, DP038-002, DP065-001, DP015-001, DP074-001, DP025-001, DP0026-001, DP006-001, DP051-001 DP030-002, DP037-001, DP001-001, DP026-002, DP028-002, DP049-001, DP050-001, DP080-001, 001, DP075-001, DP027-001, DP070-001, DP072-001, DP031-001, DP068-002, DP030-001, and DP045-001.

Summary of Conversations:

As noted within the report shown above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Dixon, Roscoe	Quality Assurance Inspector
Reviewed By:	Cochran, Jim	QA Reviewer
